

**U.S. ENVIRONMENTAL PROTECTION AGENCY
INITIAL POLREP**

DATE: 23 APR 03

FROM: Rick Jardine, PE, On-Scene Coordinator
ERRB-Region 4

TO: RRC Region 4
Shane Hitchcock, Branch Chief
Don Rigger, Section Chief
GA EPD

I. GENERAL SITE INFORMATION

| | |
|-----------------------------|-----------------------------------|
| FPN: | None |
| Site Name: | Colonial Gas Spill Doraville |
| Street Address: | Winters Chapel Road |
| City, County, State: | Doraville, DeKalb County, Georgia |
| Response Authority: | OPA-90 |
| NPL Status: | Non-NPL |
| Incident Category: | Emergency |

II. BACKGROUND INFORMATION

A. Type of facility or Site: Pipeline.

B. Site description: At approximately 1730 hours on 21 APR 03 GA EPD notified EPA that the Colonial Pipeline Company had experienced an apparent break in their system off of Winters Chapel Road in Doraville, GA. A small sheen and some stressed vegetation were the indicators.

III. RESPONSE INFORMATION

A. Actions Taken: OSC John Nolen and SOSC Scott Coburn mobilized to the site and oversighted response efforts including the recovery of sheen from the unnamed pond and exploratory excavation of the soils near the pipeline.

B. Future Actions: Explorations to continue until a positive identification of whether the pipe is compromised. Repairs should be made to any compromised pipe.

U.S. ENVIRONMENTAL PROTECTION AGENCY
Polrep #2 and Final

DATE: 16 June 2003

FROM: John Nolen, OSC
ERRB-Region 4

TO: RRC Region 4
Shane Hitchcock, Branch Chief
Don Rigger, Section Chief
Scott Coburn, GA EPD

I. GENERAL SITE INFORMATION

| | |
|-----------------------------|-----------------------------------|
| FPN: | None |
| Site Name: | Doraville Gasoline Discharge |
| Street Address: | Winters Chapel Road |
| City, County, State: | Doraville, DeKalb County, Georgia |
| Response Authority: | OPA-90 |
| NPL Status: | Non-NPL |
| Incident Category: | Emergency |

II. BACKGROUND INFORMATION

A. Type of facility or Site: Pipeline.

B. Site description:

At approximately 1730 hours on 21 APR 03 GA EPD notified EPA that a small sheen and some stressed vegetation had been discovered on a small storm water retention pond at the Doraville Terminals located on Winters Chapel Road in Doraville, Georgia. The pond is located on property owned by Plantation Pipeline Company. However, underground gasoline and fuel oil transmission lines owned and operated by both Colonial Pipeline Company and Plantation Pipeline Company are located on the property adjacent to the retention pond.

III. RESPONSE INFORMATION

A. Actions Taken:

OSC John Nolen and Scott Coburn with the Ga. Environmental Protection Division (Ga EPD) mobilized to the site and conducted oversight of the response efforts. Colonial Pipeline Company initiated response and recovery efforts at the scene because seven of their oil

transmission lines ran directly adjacent to where the stressed vegetation and sheen were discovered. Colonial and their contractors excavated a pit next to their oil lines and discovered a small pocket of what appeared to be gasoline floating on the surface of the ground water. Colonial removed the product with a vacuum truck and transferred the oil/water mixture to a holding tank. In an effort to try and determine the source of the discharge, Colonial began excavating their transmission lines. During the excavation small amounts of product were visible on the surface of the ground water. A sample was collected from the excavation and the material was determined to be gasoline along with a small percentage of kerosine. The oil was determined to be less than one year old. Once a portion of the lines were visible, Colonial visually inspected them to try and detect any leaks. No leaks were detected during the visual inspection. Colonial continued their investigation by conducting a tightness test of each one of their transmission lines. The tightness test is used to determine if there are any minute fractures, or pin hole leaks along the line. The fuel was drained from the entire length of the line and replaced with water. The lines were capped at both ends and the line pressure was increased to 250 psi. No leaks were detected along the entire length of Colonial's transmission lines. Colonial determined, based on their investigation, that the sheen did not originate from any of Colonial's product lines.

Following the Colonial Investigation, Plantation Pipeline Company began a subsurface investigation of their pipelines located on the property. Plantation operates two large transmission lines that carry product to various companies at the Doraville facility, that in turn ship the product offsite(shippers). Plantation excavated interceptor trenches, and pot holes all around their lines and did not detect and leaks. They requested the shippers of their product conduct pressure tests on their lines located up gradient from the pond. Those tests did not reveal any leaks in the shippers lines. Based on their investigation, Plantation Pipeline Company determined that the sheen did not originate form any of their product lines or their product shippers lines. Plantation will submit a report of their findings to all parties involved in the response.

As of the date of this polrep, no positive identification of the source of the reported sheen has been made.

B. Future Actions:

Colonial will replace any old or damaged coatings on the transmission lines that were uncovered during the investigation. Colonial will address disposal issues of the contaminated soil removed from the initial excavation.

Ga EPD turned over the site to the Georgia Geologic Survey (GGS) to address any ground water contamination issues. Colonial, Plantation and other pipeline operators at the Doraville facility will continue to work with the GGS.

IV. ESTIMATED COSTS

EPA: \$900

